

RP03571

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Recombinant Human PSG1 Protein

Catalog No.: RP03571

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mammalian	5669	P11464

Tags

C-His

Synonyms

PSG1; B1G1; PSBG1;
PSGGA , Pregnancy-specific beta-1-glycoprotein 1

Product Information

Source

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Purification

≥ 95% as determined by reducing SDS-PAGE.

Endotoxin

< 1 EU/µg as determined by LAL test.

Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot

Background

PSG1, also named CD66 antigen-like family member F, Fetal liver non-specific cross-reactive antigen 1/2, PSG95, Pregnancy-specific beta-1 glycoprotein C/D, is a secreted protein which belongs to the immunoglobulin superfamily, CEA family. It contains 3 Ig-like C2-type (immunoglobulin-like) domains and 1 Ig-like V-type (immunoglobulin-like) domain. The human placenta is a multihormonal endocrine organ that produces hormones, enzymes, and other molecules that support fetal survival and development.

Basic Information

Description

Recombinant Human PSG1 Protein is produced by Mammalian Cells system. The target protein is expressed with sequence (Gln35-Pro419) of Human PSG1 (Accession # P11464) fused with His tag at the C-Terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

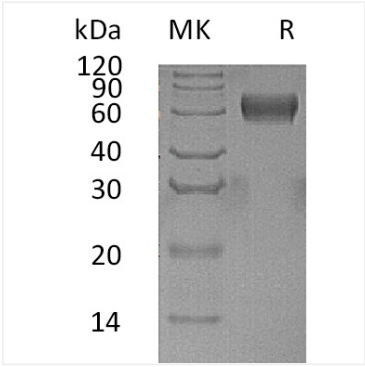
the reconstituted solution to minimize freeze-thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human PSG1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.